

PARKS WELDER

NATURE OF WORK

This is skilled welding work at the journey level in the maintenance, repair and fabrication of metal and metal equipment.

Work involves the use of acetylene and electrical equipment in the heating, cutting and brazing of ferrous and non-ferrous metals; fabricating and building or repairing a variety of equipment; and preparing plans for extensive modifications and fabrications. General instructions are received regarding welding assignments with the employee expected to use considerable discretion in determining proper work methods. Work also involves a variety of maintenance related duties.

EXAMPLES OF WORK PERFORMED

Prepares plans for extensive modifications or fabrications; fabricates and designs a variety of parts and equipment to meet particular needs.

Welds and performs related repairs on a variety of municipal equipment such as picnic tables, guard rails, stairs, bleachers, playground and golf course equipment, fences, gates, etc.

Welds and performs related repairs on water lines and pump housings for City swimming pools, lakes and park fountains; welds in new water lines on pumps for golf courses; detects and repairs leaks in pressurized lines.

Welds automotive, light and other municipal equipment with arc or acetylene equipment.

Fabricates and builds brackets and mounting braces for tractors, tools boxes, trailer hitches and steel floor covers for trucks, different types of two-wheel carts and related equipment; estimates materials and labor cost for proposed projects.

Preheats and cleans metals; lays out, cuts and fits materials for welding; selects proper welding heat and proper type of wire and size of electrodes for correct penetration and strength of welded materials.

Rebuilds cross members, frames and truck beds; welds and does other metal work on lawn mowers.

Performs a variety of general maintenance duties.

Performs related work as required.

DESIRABLE KNOWLEDGES, ABILITIES AND SKILLS

Considerable knowledge of acetylene and electrical equipment and techniques employed in welding, brazing, and in brushing and grinding welds.

Considerable knowledge of all work methods used in fabricating, welding and brazing.

Considerable knowledge of the properties of various ferrous and non-ferrous metals encountered in welding and brazing work.

Considerable knowledge of the occupational hazards and safety precautions of the trade.

Ability to maintain and repair welding equipment, both acetylene and electrical.

Ability to read and interpret blue prints and welding symbols.

Ability to operate acetylene torch, wire feed, plasma cutter and other welding equipment.

Ability to lay out welding work and to make cost estimates of material requirements.

Ability to establish and maintain effective working relationships with supervisors and coworkers.

Ability to work independently with minimal supervision.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from a senior high school or equivalent plus welder's certification for various metals and considerable experience as a journey welder.

MINIMUM QUALIFICATIONS

Graduation from a senior high school or equivalent plus welders certification and experience as a journey welder; or any equivalent combination of training and experience which provides the desirable knowledges, abilities and skills.

NECESSARY SPECIAL REQUIREMENT

Possession of a valid Nebraska driver's license when operating a vehicle is necessary to the satisfactory performance of assigned duties.

Approved by: _____
Department Head Personnel Director

1/2000

Title Change: 8/2002

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